

Please type a plus sign (+) inside this box → 

+
---

PTO/SB/05 (11-00)  
Approved for use through 10/31/2002, OMB 0651-0032  
Patent and Trademark office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional application under 37 C.F.R. § 1.53(b))

Attorney Docket No.	12813-B
First Inventor or Application Identifier	Curtis Lee Carender
Title	FREQUENCY-HOPPING RFID SYSTEM
Express Mail Label No.	EJ200815156US

1017 U.S. Pat-  
99/833391

04/11/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents

**Box Patent Application**  
Washington, DC 20231

- |   |   |
|---|---|
| <p>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g. PTO/SB/17)<br/>(Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 13 ]<br/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3 ]</p> <p>5. Oath or Declaration [Total Pages 3 ]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))</p> <p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u><br/>Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b)</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM of CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
|---|---|

✓

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))

10. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i)  
Applicant must attach form PTO/SB/35 or its equivalent.

### ACCOMPANYING APPLICATION PARTS

- 9 ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i)  
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment

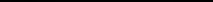

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_  
 Prior application information. Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label ☐ (Insert Customer No or Attach bar code label here) or ☒ Correspondence address below

Name	Stephen R. May				
Address	Intellectual Property Services, Battelle Memorial Institute, Pacific Northwest Division, P.O. Box 999				
City	Richland	State	WA		Zip Code 99352
Country	USA	Telephone	(509) 375-2387	Fax	(509) 375-4487

Name (Print/Type)	Stephen R May	Registration No. (Attorney/Agent)	29,255
Signature		Date	

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, and DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

<b>FEE TRANSMITTAL</b> <b>For FY 2001</b> Patent fees are subject to annual revision.		<b>Complete If Known</b>	
		Application Number	Not Yet Assigned
		Filing Date	Herewith
		First Named Inventor	Curtis Lee Carrender
		Examiner Name	not yet assigned
		Group/Art Unit	not yet assigned
		Attorney Docket No.	12813-B
TOTAL AMOUNT OF PAYMENT		(\$) 431.00	

<b>METHOD OF PAYMENT</b> (check one)		<b>FEE CALCULATION</b> (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to		3 ADDITIONAL FEES	
Deposit Account Number: 02-1275		Large Entity Small Entity Fee Fee Fee Fee	
Deposit Account Name: Battelle Memorial Institute - PND		Code (\$) Code (\$) Fee Description Fee Paid	
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		105 130 205 65 Surcharge- late filing fee or oath	
<input checked="" type="checkbox"/> Applicant claims small entity status		127 50 227 25 Surcharge- late provisional filing fee or cover sheet	
2. Payment Enclosed		139 130 139 130 Non-English specification	
<input type="checkbox"/> check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		147 2,520 147 2,520 For filing a request for reexamination	
		112 920* 112 920* Requesting publication of SIR prior to Examiner action	
		113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
<b>FEE CALCULATION</b>		115 110 215 55 Extension for reply within first month	
1. BASIC FILING FEE		116 390 216 195 Extension for reply within second month	
Large Entity Small Entity		117 890 217 445 Extension for reply within third month	
Fee Fee Fee Fee Fee Description		118 1,390 218 695 Extension for reply within forth month	
Code (\$) Code (\$) Code (\$) Code (\$) Fee Paid		128 1,890 228 945 Extension for reply within fifth month	
101 710 201 355 Utility filing fee		119 310 219 155 Notice of Appeal	
106 320 206 160 Designing filing fee		120 310 220 155 Filing a brief in support of an appeal	
107 490 207 245 Plant filing fee		121 270 221 135 Requesting for oral hearing	
108 710 208 355 Reissue filing fee		138 1,510 138 1,510 Petition to institute a public use proceeding	
114 150 214 75 Provisional filing fee		140 110 240 55 Petition to revive - unavoidable	
SUBTOTAL (1) (\$)		141 1,240 241 620 Petition to revive - unintentional	
355.00		142 1,240 242 620 Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES		143 440 243 220 Design issue fee	
Total Claims 24 - 20** = 4 X Fee form below 9 = 36		144 600 224 300 Plant issue fee	
Independent Claims 4 - 3** = 1 X 40 = 40		122 130 122 130 Petitions to the Commissioner	
Multiple Dependent 1 X 40 = 40		123 50 123 50 Petitions related to provisional applications	
**or number previously paid, if greater, For Reissues, see below		126 240 126 240 Submission of Information Disclosure Stmt	
Large Entity Small Entity		581 40 581 40 Recording each patent assignment per property (times number of properties)	
Fee Fee Fee Fee Fee Description		146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
Code (\$) Code (\$) Code (\$) Code (\$) Fee Paid		149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
103 18 203 9 Claims in excess of 20		179 710 279 355 Request for Continued Examination (RCE)	
102 80 202 40 Independent claims in excess of 3		Other fee (specify)	
104 270 204 135 Multiple dependent claim, if not paid		Reduced by Basic Filing Fee Paid	
109 80 209 40 **Reissue independent claims over original patent		SUBTOTAL (3) (\$)	
110 18 210 9 **Reissue claims in excess of 20 and over original patent		76.00	
SUBTOTAL (2) (\$)		76.00	

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Stephen R. May	Registration No	29,255
		(Attorney/Agent)	
Signature	<i>Stephen R. May</i>	Telephone	(509) 375-2387
		Date	April 11, 2001

SEND TO Assistant Commissioner for Patents, Washington, DC 20231

EXPRESS MAIL MAILING LABEL #EJ200815156US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Curtis Lee Carrender )  
Our Ref. No: 12813-B  
For: FREQUENCY-HOPPING RFID )  
SYSTEM ) Date: April 11, 2001

CERTIFICATE OF MAILING

Box PATENT APPLICATION  
Commissioner of Patents and Trademarks  
Washington, DC 20231

Dear Sir:

The undersigned hereby certifies that the attached:

- [ X ] Patent Application of 13 pages, and
- [ X ] Drawings of 3 Sheets
- [ X ] Fee Transmittal (2 ea.)
- [ X ] Patent Transmittal
- [ X ] Assignment / Cvr. Sheet
- [ X ] Combined Declaration and Power of Attorney
- [ ] Information Disclosure
- [ ] with attachments

are being deposited with the United States Postal Service as:

- [ ] First Class Mail
- [ X ] Express Mail - Label #EJ200815156US in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on the date set forth below.

Janice K. Laybourn  
Signature

April 11, 2001  
Date Deposited

Janice K. Laybourn K1-53  
Intellectual Property Services  
Battelle Memorial Institute  
Pacific Northwest Laboratories  
P.O. Box 999  
Richland, WA 99352  
(509) 375-2655

FORM 100-1000